

Multipair Individually and screened Cables

Multipair Individually and Overall Screened Cables-Belden Equivalent 8166

» Application

These cables have individually screened pairs laid up in a Foil & Braid screen. Each individually screened pair has a 24AWG stranded tinned copper drain wire. These cables are suitable for EIA RS-232 and EIA RS-422 applications, used as computer cables.

► PVC/LSZH Sheath

Foam PE Insulation

Stranded Drain Wire

Stranded Tinned Copper Conductor

Individual Aluminium/Polyester Tape

Overall Aluminium/Polyester Tape

Overall Tinned Copper Braid

» Construction

- » Conductor: Tinned copper wire.
- » Insulation: Foam PE.
- » Individual Screen: Aluminium/

Polyester tape.

- » Drain Wire: Tinned copper wire.
- » Overall Screen1: Aluminium/Polyester tape.
- » Overall Screen2: Tinned copper braid, 65% coverage.
- » Sheath: PVC (V type)/LSZH (H type).

» Insulation Colour: Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown.

» Electrical & Mechanical Characteristics

AWG		24	
Conductor Construction		7x0.2	
UL Style		2493	
Maximum Conductor Resistance	Ω/km	85	
Voltage Rating	V	300	
Nominal Capacitance Conductor to Conductor	pF/m	41	
Nominal Capacitance Conductor to Screen	pF/m	72	
Bending Radius		10xOverall Diameter	
Operating Temperature	°C	-40~60	

» **Dimensions**

Ordering Code	No. of Pairs	Insulation Thickness	Sheath Thickness	Overall Diameter
		mm	mm	mm
BE118166V	6	0.47	1.22	11.3
BE118166H	6	0.47	1.22	11.3